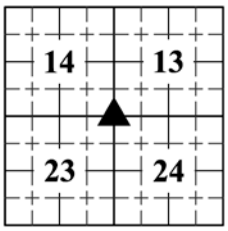
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Center_N21**

Section Corner

Sections 13, 14, 23 & 24- T07N-R03W, 2nd P.M.
Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
4" x 4" stone with a cut "x" on top found 4" above grade on the east side of a t-post with a Greene County Survey Marker sign attached 2.5 feet above grade. The stone is witnessed by a 1/2" rebar 6" above grade and 0.35 feet west.

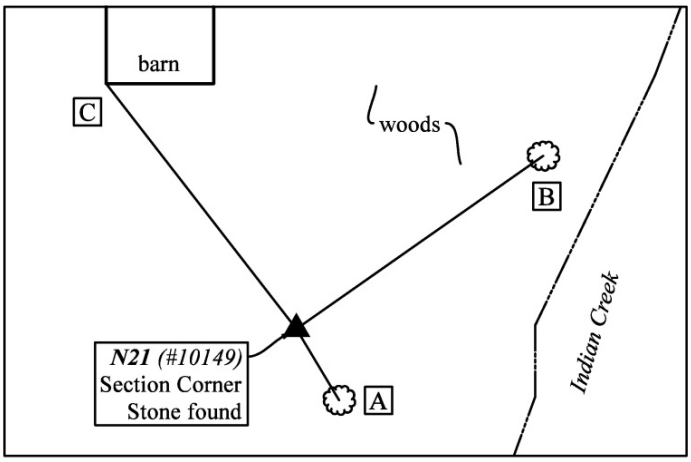
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The stone is in a well-groomed wooded area approximately 250 feet east of the house at 12855 E Carter Road and 60 feet west of the west bank of Indian Creek.

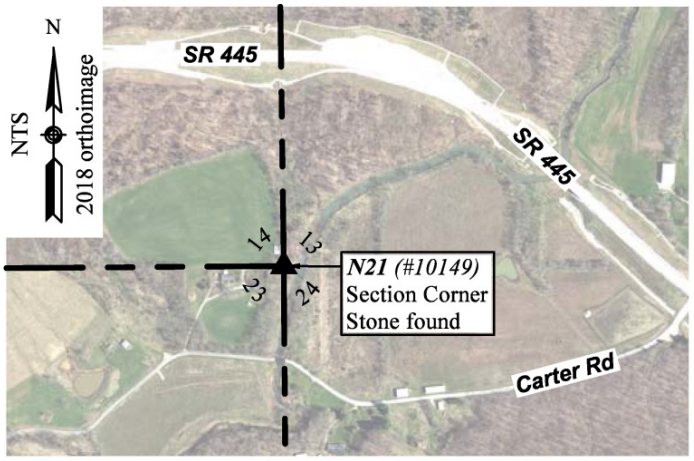
GEODETIC COORDINATES: (OSM #10149)
Northing: 331911.66, Easting: 900907.23 Datum: InGCS Greene Zone, US Survey Feet
Northing: 1379918.57, Easting: 3061517.18 Datum: NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 31° E	20.8'	2" mag nail set 6" above grade on the east side of a 9" hackberry
B	N 55° E	75.6'	2" mag nail set 1.6 feet above grade in a scar on the southeast side of a 34" beech on the west bank of Indian Creek
C	N 38° W	77.8'	Southwest corner of metal barn

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.





CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.
Greene County Surveyor W.Clogston set a stone at this corner in 1879. The found stone is a square cut limestone, which is not consistent with other stones found from the same survey by Clogston. The origin of the found stone is unknown. It has consistently been accepted as the corner since it first appeared in the survey record in 2011. We accepted the stone as the corner by common report.

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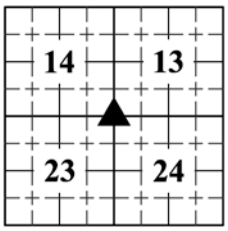

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:
Year Surveyed: 1812 By: Arthur Henrie
Where filed or recorded: F_EV03P364
Original monument: Wood post
Bearing Trees or Witness Ties:

Witness	Bearing	Distance
12" white oak	S74°E	9.9'
12" white oak	N70°W	10.6'

SUBSEQUENT CORNER RESTORATION:
Date Surveyed: 2/27/1879 By: W.W. Clogston, GCS
Where filed or recorded: Legal Survey Book 3, page 68
Monument: Set stone
Bearing Trees or Witness Ties:

Witness	Bearing	Distance
36" white oak	S86°E	24.4'
28" beech	S67°E	26.1'

SUBSEQUENT CORNER RESTORATION:
Date Surveyed: Feb.2011 By: Matthew Badger
Where filed or recorded: 2011-0980
Monument: 4"x4" square cut stone w/ X found 6" tall
Bearing Trees or Witness Ties:

Witness	Azimuth	Distance
SW corner of metal shed *(Witness C 2021)*	320°	77.5'
Mag 12" tall in s. face of 24" beech on west creek bank *(found tree but not nail 2021)*	50°	75.5'
NE corner of old wood sided outhouse *(gone 2021)*	230°	41.6'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/28/1838	Kelshaw, John B.	Legal Survey in Section 24 *Found original stake*	LSB 1, pg 27
27/27/1879	Clogston, W.W.	Legal Survey in Section 13 *Set a stone at N21*	LSB 3, pg 68
10/18/2010	Badger, Matthew G.	I69 Conservation Easement Survey *Accepted the cut limestone at N21*	2011-2904
2/2/2011	Badger, Matthew G.	Conservation Easement Survey for Fields	2011-2910
3/11/2011	Badger, Matthew G.	I69 Section 4 Segment 6 Route Survey	2011-0980
12/10/2020	Porter, Christopher	Garsnett Farm Survey in Section 23	2021-2889

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: Without a chain of records to prove the perpetuation of the stone set by Clogston in 1879, it is impossible to know how the location of the current monument relates to the original location of the corner. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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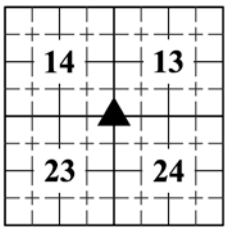

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.
Photo Date: 12/23/2021

Photo Orientation & Description: Stone at N21

Photo Orientation & Description: Looking west at N21

FIELD PERSONNEL:
Field Date: 12/23/2021 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226A Corner Perpetuation Survey for Center Township Sections 14, 15, 22 & 23, Township 7 North, Range 3 West
Notes: This document is not complete without the associated plat and report of survey dated January 25, 2022.

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using a Javad GNSS System (Triumph LS rover and Triumph 3 base) and the InCORS Real-Time Network. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:
Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Rachel Oser Date: 1/25/2022